


BEST AVAILABLE COPY

Sheet 1 of 3

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Appl. No.: 10/601,432
 <p>OFFICE OF PATENTS AND TRADEMARKS APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>	First Named Inventor:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
JD	AA 2002/0010558	1/2002	Bertness et al.	702	63	
JD	AB 2002/0176010	11/2002	Wallach et al.	348	229.1	
JD	AC 2003/0184306	10/2003	Bertness et al.	324	426	
JD	AD 2003/0025481	2/2003	Bertness	320	155	
JD	AE 2004/0000891	1/2004	Raichle et al.	320	107	
JD	AF 2,000,665	5/1935	Neal	439	440	
JD	AG 3,750,011	7/1973	Kreps	324	29.5	
JD	AH 3,652,341	3/1972	Halsall et al.	136	176	
JD	AI 3,796,124	3/1974	Crosa	85	36	
JD	AJ 4,023,882	5/1977	Pettersson	339	96	
JD	AK 4,056,764	11/1977	Endo et al.	320	3	
JD	AL 4,160,916	7/1979	Papsideris	307	10	
JD	AM 4,280,457	7/1981	Bloxham	123	198	
JD	AN 4,620,767	11/1986	Woolf	339	255	
JD	AO 4,933,845	6/1990	Hayes	364	200	
JD	AQ 4,934,957	6/1990	Bellusci	439	504	
JD	AQ 5,108,320	4/1992	Kimber	439	883	
JD	AR 5,159,272	10/1992	Rao et al.	324	429	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AS						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AT		
EXAMINER:		<i>Donald J. Kim</i>	DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		Atty. Docket No.: C382.12-0148	Appl. No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Kevin I. Bertness	
		Filing Date	Group Art:
		June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
JA	BA 5,313,152	5/1994	Wozniak et al.	320	6	
JA	BB 5,323,337	6/1994	Wilson eta l.	364	574	
JA	BC 5,325,041	6/1994	Briggs	320	44	
JA	BD 5,412,308	5/1995	Brown	323	267	
JA	BE 5,453,027	9/1995	Buell et al.	439	433	
JA	BF 5,745,044	4/1998	Hyatt, Jr. et al.	340	825.31	
JA	BG 5,747,967	5/1998	Muljadi et al.	320	39	
JA	BH 5,772,468	6/1998	Kowalski et al.	439	506	
JA	BI 5,780,980	7/1998	Naito	318	139	
JA	BJ 5,850,113	12/1998	Weimer et al.	307	125	
JA	BK 5,865,638	2/1999	Trafton	439	288	
JA	BL 5,978,805	11/1999	Carson	707	10	
JA	BM 5,982,138	11/1999	Krieger	320	105	
JA	BN 6,005,759	12/1999	Hart et al.	361	66	
JA	BO 6,031,368	2/2000	Klippel et al.	324	133	
JA	BP 6,046,514	4/2000	Rouillard et al.	307	77	
JA	BQ 6,064,372	5/2000	Kahkoska	345	173	
JA	BR 6,081,109	6/2000	Seymour et al.	324	127	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
BS						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BT	
EXAMINER: <i>Done</i>	DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Appl. No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
DF	CA 6,158,000	12/2000	Collins	713	1	
DZ	CB 6,211,651	4/2001	Nemoto	320	133	
DL	CC 6,222,342	4/2001	Eggert et al.	320	105	
DR	CD 6,238,253	5/2001	Qualls	439	759	
DE	CE 6,242,887	6/2001	Burke	320	104	
DF	CF 6,259,170	7/2001	Limoge et al.	307	10.8	
DL	CG 6,356,042	3/2002	Kahlon et al.	318	138	
DL	CH 6,526,361	2/2003	Jones et al.	702	63	
DR	CI 6,531,848	3/2003	Chitsazan et al.	320	153	
DR	CJ 6,600,815	7/2003	Walding	379	93.04	
DR	CK 6,618,644	9/2003	Bean	700	231	
DR	CL 6,628,011	9/2003	Droppo et al.	307	43	
DR	CM 6,667,624	12/2003	Raichle et al.	324	522	
DL	CN 6,679,212	1/2004	Kelling	123	179.28	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
DR	CO JP 11103503 A	4/1999	Japan			X (Abstract)
DR	CP WO 01/59443	2/9/01	WIPO			X
DR	CQ GB 2 246 916 A	10/8/90	Great Britian			

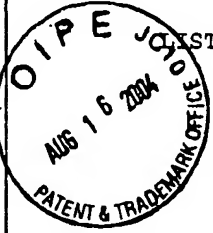
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CR	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07837.
CS	

EXAMINER: *Donald J. J.*

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		Atty. Docket No.: C382.12-0148	Appl. No.: 10/601,432
 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Kevin I. Bertness	
		Filing Date	Group Art:
		June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
02	AA	2002/0050163	5/2/02	Makhija et al.	73	116
02	AB	2003/0184262	10/2/03	Makhija	320	130
02	AC	2004/0000590	1/1/04	Raichle et al.	235	462.01
02	AD	2004/0000891	1/1/04	Raichle et al.	320	107
02	AE	2004/0000893	1/1/04	Raichle et al.	320	135
02	AF	2004/0000913	1/1/04	Raichle et al.	324	426
02	AG	2004/0000915	1/1/04	Raichle et al.	324	522
02	AH	2004/0002824	1/1/04	Raichle et al.	702	63
02	AI	2004/0002825	1/1/04	Raichle et al.	702	63
02	AJ	2004/0002836	1/1/04	Raichle et al.	702	188
02	AK	2004/0049361	3/11/04	Hamdan et al.	702	115
02	AL	2004/0051533	3/18/04	Namaky	324	426
02	AM	2004/0054503	3/18/04	Namaky	702	183
02	AN	4,926,330	5/15/90	Abe et al.	364	424.03
02	AO	4,949,046	8/14/90	Seyfang	324	427
02	AP	5,321,627	6/14/94	Reher	364	483
02	AQ	5,872,453	2/16/99	Shimoyama et al.	324	431
02	AR	6,037,778	3/14/00	Makhija	324	433
02	AS	6,061,638	5/9/00	Joyce	702	63
02	AT	6,275,008	8/14/01	Arai et al.	320	132
02	AU	6,359,442	3/19/02	Henningson et al.	324	426
02	AV	6,384,608	5/7/02	Namaky	324	430
02	AW	6,388,448	5/14/02	Cervas	324	426

EXAMINER:

David H. Y.

DATE CONSIDERED:

9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Appl. No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
DL	BA	6,396,278	5/28/02	Makhija	324	402
DL	BB	6,570,385	5/27/03	Roberts et al.	324	378
DL	BC	6,629,054	9/30/03	Makhija et al.	702	113
DL	BD	D442,503	5/22/01	Lundbeck et al.	D10	77

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DL	BE	Notification of Transmittal of the International Search Report along with the Search Report for International Application No. PCT/US03/27696, filed September 4, 2003, date of mailing April 15, 2004
DL	BF	Operator's Manual for "Modular Computer Analyzer," SUN, Model MCA 3000, Table of Contents and pages 1-1 to 1-2; 2-1 to 2-19; 3-1 to 3-47; 4-1 to 4-27; 5-1 to 5-18; 6-1 to 6-16; 7-1 to 7-9; 8-1 to 8-5; 9-1 to 9-13; 10-1 to 10-10; 11-1 to 11-22; 12-1 to 12-33; 13-1 to 13-2; 14-1 to 14-13 (1991)
DL	BG	ALLEN TEST, Testproducts Division, "Programmed Training Course for 62-000 Series Smart Engine Analyzer," 2 page cover, Table of Contents, pages 1-207 (1984)
EXAMINER: <i>Donald H. Yi</i>		DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

Atty. Docket No.:
C382.12-0148Appl. No.:
10/601,432LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

First Named Inventor:

Kevin I. Bertness

Filing Date

Group Art:

June 23, 2003

2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
DF	AA	2002/0030495	3/2002	Kechmire	324	427
DF	AB	4,352,067	9/1982	Ottone	324	434
DF	AC	4,360,780	11/1982	Skutch, Jr.	324	437
DF	AD	4,723,656	2/1988	Kiernan et al.	206	705
DF	AE	4,874,679	10/1989	Miyagawa	429	91
DF	AF	5,432,025	7/1995	Cox	429	65
DF	AG	5,707,015	1/1998	Guthrie	241	120
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					
	AW					
	AX					

EXAMINER:

Donald J. Fair

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		RECEIVED DEC 31 2003 TECHNOLOGY CENTER
Applicant:		
Keyes00. Bertness		
Filing Date		Group Art:
June 23, 2003		2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
DR	AA	2,514,745	7/11/50	Dalzell	171	95
DR	AB	3,593,099	7/13/71	Scholl	320	13
DR	AC	3,607,673	9/21/71	Seyl	204	1
DR	AD	3,676,770	7/11/72	Sharaf et al.	324	29.5
DR	AE	3,729,989	5/1/73	Little	73	133
DR	AF	3,753,094	8/14/73	Furuishi et al.	324	29.5
DR	AG	3,808,522	4/30/74	Sharaf	324	29.5
DR	AH	3,811,089	5/14/74	Strezelewicz	324	170
DR	AI	3,873,911	3/25/75	Champlin	324	29.5
DR	AJ	3,886,443	5/27/75	Miyakawa et al.	324	29.5
DR	AK	3,889,248	6/10/75	Ritter	340	249
DR	AL	3,906,329	9/16/75	Bader	320	44

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
DR	AM	59-17892	1/30/84	Japan		Abstract Only
DR	AN	59-17893	1/30/84	Japan		Abstract Only
DR	AO	59-17894	1/30/84	Japan		Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DR	AP	"Electrochemical Impedance Spectroscopy in Battery Development and Testing", <u>Batteries International</u> , April 1997, pgs. 59 and 62-63.				
DR	AQ	"Battery Impedance", by E. Willihnganz et al., <u>Electrical Engineering</u> , September 1959, pgs. 922-925.				
DR	AR	"Determining The End of Battery Life", by S. DeBardelaben, <u>IEEE</u> , 1986, pgs. 365-368.				
DR	AS	"A Look at the Impedance of a Cell", by S. Debardelaben, <u>IEEE</u> , 1988, pgs. 394-397.				

EXAMINER: *Donald J. J.*

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
02	AT	3,909,708	9/30/75	Champlin	324	29.5
02	AU	3,936,744	2/3/76	Perlmutter	324	158
02	AV	3,946,299	3/23/76	Christianson et al.	320	43
02	AW	3,947,757	3/30/76	Grube et al.	324	28
02	AX	3,969,667	7/13/76	McWilliams	324	29.5
02	AY	3,979,664	9/7/76	Harris	324	17
02	AZ	3,984,762	10/5/76	Dowgiallo, Jr.	324	29.5
02	BA	3,984,768	10/5/76	Staples	324	62
02	BB	4,008,619	2/22/77	Alcaide et al.	73	398
02	BC	4,053,824	10/11/77	Dupuis et al.	324	29.5
02	BD	4,070,624	1/24/78	Taylor	327	158
02	BE	4,086,531	4/25/78	Bernier	324	158

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
02	BF	60225078	11/9/85	Japan		Abstract Only
02	BG	04372536	12/25/92	Japan		Abstract Only
02	BH	04131779	5/6/92	Japan		Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

02	BI	"The Impedance of Electrical Storage Cells", by N.A. Hampson et al., <u>Journal of Applied Electrochemistry</u> , 1980, pgs. 3-11.
02	BJ	"A Package for Impedance/Admittance Data Analysis", by B. Boukamp, <u>Solid State Ionics</u> , 1986, pgs. 136-140.
02	BK	"Precision of Impedance Spectroscopy Estimates of Bulk, Reaction Rate, and Diffusion Parameters", by J. Macdonald et al., <u>J. Electroanal. Chem.</u> , 1991, pgs. 1-11.

EXAMINER:

Donald J. [Signature]

DATE CONSIDERED:

9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
02	BL	4,112,351	9/5/78	Back et al.	324	16
02	BM	4,114,083	9/12/78	Benham et al.	320	39
02	BN	4,126,874	11/21/78	Suzuki et al.	354	60
02	BO	4,178,546	12/11/79	Hulls et al.	324	158
02	BP	4,193,025	3/11/80	Frailing et al.	324	427
02	BQ	4,207,611	6/10/80	Gordon	364	580
02	BR	4,315,204	2/9/82	Sievers et al.	322	28
02	BS	4,316,185	2/16/82	Watrous et al.	340	636
02	BT	4,322,685	3/30/82	Frailing et al.	324	429
02	BU	4,363,407	12/14/82	Barkler et al.	209	3.3
02	BV	4,369,407	1/18/83	Korbell	324	416
02	BW	4,412,169	10/25/83	Dell'Orto	320	64

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
02	BX	03282276	12/12/91	Japan	---	---	Abstract Only
02	BY	03274479	12/5/91	Japan	---	---	Abstract Only
02	BZ	5216550	8/27/93	Japan	---	---	Abstract Only
02	CA	59017894	1/30/84	Japan	---	---	Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

02	CB	"Internal Resistance: Harbinger of Capacity Loss in Starved Electrolyte Sealed Lead Acid Batteries, by Vaccaro, F.J. et al., AT&T Bell Laboratories, 1987 IEEE, Ch. 2477, pp. 128,131.
----	----	--

EXAMINER:

Donald G. Jr.

DATE CONSIDERED:

9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
DL	CC	4,390,828	6/28/83	Converse et al.	320	32
DL	CD	4,392,101	7/5/83	Saar et al.	320	20
DL	CE	4,396,880	8/2/83	Windebank	320	21
DL	CF	4,408,157	10/4/83	Beaubien	324	62
DL	CG	4,423,378	12/27/83	Marino et al.	324	427
DL	CH	4,423,379	12/27/83	Jacobs et al.	324	429
DL	CI	4,424,491	1/3/84	Bobbett et al.	324	433
DL	CJ	4,459,548	7/10/84	Lentz et al.	324	158
DL	CK	4,514,694	4/30/85	Finger	324	429
DL	CL	4,520,353	5/28/85	McAuliffe	340	636
DL	CM	4,667,279	5/19/87	Maier	363	46
DL	CN	4,678,998	7/7/87	Muramatsu	324	427
DL	CO	4,679,000	7/7/87	Clark	324	428
DL	CP	4,697,134	9/29/87	Burkum et al.	320	48

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
DL	CQ	EP 0 772 056 A1	5/7/97	EPO		X
DL	CR	EP 0 637 754 A1	2/8/95	EPO		X
DL	CS	2 088 159 A	6/3/82	Great Britain		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DL	CT	IEEE Recommended Practice For Maintenance, Testings, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations, The Institute of Electrical and Electronics Engineers, Inc., ANSI/IEEE Std. 450-1987, 3/9/1987, pp. 7-15.				
DL	CU	"Field and Laboratory Studies to Assess the State of Health of Valve-Regulated Lead Acid Batteries: Part I Conductance/Capacity Correlation Studies", by D. Feder et al., IEEE, August 1992, pgs. 218-233.				

EXAMINER: <i>Donald H. G.</i>	DATE CONSIDERED: 9-8-04
-------------------------------	-------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
02	CV	4,707,795	11/17/87	Alber et al.	364	550
02	CW	4,709,202	11/24/87	Koenck et al.	320	43
02	CX	4,710,861	12/1/87	Kanner	363	46
02	CY	4,719,428	1/12/88	Liebermann	324	436
02	CZ	4,743,855	5/10/88	Randin et al.	324	430
02	DA	4,816,768	3/28/89	Champlin	324	428
02	DB	4,820,966	4/11/89	Fridman	320	32
02	DC	4,825,170	4/25/89	Champlin	324	436
02	DD	4,849,700	7/18/89	Morioka et al.	324	427
02	DE	4,881,038	11/14/89	Champlin	324	426
02	DF	4,912,416	3/27/90	Champlin	324	430
02	DG	4,929,931	5/29/90	McCuen	340	636
02	DH	4,931,738	6/5/90	MacIntyre et al.	324	435
02	DI	4,947,124	8/7/90	Hauser	324	430
02	DJ	4,956,597	9/11/90	Heavey et al.	320	14
02	DK	4,968,941	11/6/90	Rogers	324	428

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
02	DL	WO 93/22666	11/11/93	WIPO			X
02	DM	WO 98/58270	12/23/98	WIPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

02	DN	"Battery Impedance", by E. Willihnganz et al., <u>Electrical Engineering</u> , September 1959, pgs. 922-925.
02	DO	"JIS Japanese Industrial Standard-Lead Acid Batteries for Automobiles", <u>Japanese Standards Association UDC</u> , 621.355.2:629.113.006, Nov. 1995.

EXAMINER: *Donald G. G.*

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
02	DP	5,004,979	4/2/91	Marino et al.	324	160
02	DQ	5,032,825	7/16/91	Xuznicki	340	636
02	DR	5,047,722	9/10/91	Wurst et al.	324	430
02	DS	5,087,881	2/11/92	Peacock	324	378
02	DT	5,126,675	6/30/92	Yang	324	435
02	DU	5,140,269	8/18/92	Champlin	324	433
02	DV	5,144,248	9/1/92	Alexandres et al.	324	428
02	DW	5,170,124	12/8/92	Blair et al.	324	434
02	DX	5,204,611	4/20/93	Nor et al.	320	21
02	DY	5,214,370	5/25/93	Harm et al.	320	35
02	DZ	5,214,385	5/25/93	Gabriel et al.	324	434
02	EA	5,241,275	8/31/93	Fang	324	430
02	EB	5,254,952	10/19/93	Salley et al.	324	429
02	EC	5,281,919	1/25/94	Palanisamy	324	427
02	ED	5,281,920	1/25/94	Wurst	324	430
02	EE	5,295,078	3/15/94	Stich et al.	364	483
02	EF	5,298,797	3/29/94	Redl	307	246
02	EG	5,300,874	4/5/94	Shimamoto et al.	320	15
02	EH	5,302,902	4/12/94	Groehl	324	434

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
EI						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EJ	
----	--

EXAMINER: *Donald G. G. Jr.*

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OL	EK	5,331,268	7/19/94	Patino et al.	320	20
OL	EL	5,336,993	8/9/94	Thomas et al.	324	158.1
OL	EM	5,352,968	10/4/94	Reni et al.	320	35
OL	EN	5,343,380	8/30/94	Champlin	363	46
OL	EO	5,365,160	11/15/94	Leppo et al.	320	22
OL	EP	5,365,453	11/15/94	Startup et al.	364	481
OL	EQ	5,381,096	1/10/95	Hirzel	324	427
OL	ER	5,426,371	6/20/95	Salley et al.	324	429
OL	ES	5,432,426	7/11/95	Yoshida	320	20
OL	ET	5,434,495	7/18/95	Toko	320	44
OL	EU	5,442,274	8/15/95	Tamai	320	23
OL	EV	5,457,377	10/10/95	Jonsson	320	5
OL	EW	5,449,996	9/12/95	Matsumoto et al.	320	20
OL	EX	5,449,997	9/12/95	Gilmore et al.	320	39
OL	EY	5,485,090	1/16/96	Stephens	324	433
OL	EZ	5,519,383	5/21/96	De La Rosa	340	636
OL	FA	5,528,148	6/18/96	Rogers	324	426
OL	FB	5,550,485	8/27/96	Falk	324	772
OL	FC	5,561,380	10/1/96	Sway-Tin et al.	324	509

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
FD						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

FE	
----	--

EXAMINER: *Donald G. G. Jr.* DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant:	
		Kevin I. Bertness	
		Filing Date	Group Art:
		June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OL	FF	5,562,501	10/8/96	Kinoshita et al.	439	852
OL	FG	5,572,136	11/5/96	Champlin	324	426
OL	FH	5,574,355	11/12/96	McShane et al.	320	39
OL	FI	5,585,728	12/17/96	Champlin	324	427
OL	FJ	5,592,093	1/7/97	Klingbiel	324	426
OL	FK	5,596,260	1/21/97	Moravec et al.	320	30
OL	FL	5,598,098	1/28/97	Champlin	324	430
OL	FM	5,602,462	2/11/97	Stich et al.	323	258
OL	FN	5,606,242	2/25/97	Hull et al.	320	48
OL	FO	5,621,298	4/15/97	Harvey	320	5
OL	FP	5,642,031	6/24/97	Brotto	320	21
OL	FQ	5,650,937	7/22/97	Bounaga	364	483
OL	FR	5,652,501	7/29/97	McClure et al.	320	17
OL	FS	5,675,234	10/7/97	Greene	320	15
OL	FT	5,677,077	10/14/97	Faulk	429	90
OL	FU	5,699,050	12/16/97	Kanazawa	340	636
OL	FV	5,701,089	12/23/97	Perkins	327	772
OL	FW	5,717,336	2/10/98	Basell et al.	324	430
OL	FX	5,757,192	5/26/98	McShane et al.	324	427

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
FY						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

FZ	
----	--

EXAMINER: *Donald J. Jr.*

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
RL	GA	5,773,978	6/30/98	Becker	324	430
RL	GB	5,789,899	8/4/98	van Phuoc et al.	320	30
RL	GC	5,793,359	8/11/98	Ushikubo	345	169
RL	GD	5,821,756	10/13/98	McShane et al.	324	430
RL	GE	5,831,435	11/3/98	Troy	324	426
RL	GF	5,872,443	2/16/99	Williamson	320	21
RL	GG	5,914,605	6/22/99	Bertness	324	430
RL	GH	5,945,829	8/31/99	Bertness	324	430
RL	GI	3,356,936	12/5/67	Smith	324	29.5
RL	GJ	5,488,300	1/30/96	Jamieson	324	432
RL	GK	6,002,238	12/14/99	Champlin	320	134
RL	GL	6,037,777	3/14/00	Champlin	324	430
RL	GM	6,051,976	4/18/00	Bertness	324	426
RL	GN	6,081,098	6/27/00	Bertness et al.	320	134
RL	GO	6,091,245	7/18/00	Bertness	324	426
RL	GP	6,104,167	8/15/00	Bertness et al.	320	132
RL	GQ	6,137,269	10/24/00	Champlin	320	150

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
RL	GR	DE 29 26 716 B1	1/15/81	Germany			X
RL	GS	0 022 450 A1	1/21/81	EPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RL	GT	"Performance of Dry Cells", by C. Hambuechen, Preprint of <u>Am. Electrochem. Soc.</u> , April 18-20, 1912, paper No. 19, pgs. 1-5.					
RL	GU	"A Bridge for Measuring Storage Battery Resistance", by E. Willihnanz, <u>The Electrochemical Society</u> , preprint 79-20, April 1941, pgs. 253-258.					

EXAMINER: Donald J. Fair DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OL	GV	3,562,634	2/9/71	Latner	31	04
OL	GW	4,379,990	4/12/83	Sievers et al.	322	99
OL	GX	5,144,218	9/1/92	Bosscha	320	44
OL	GY	5,315,287	5/24/94	Sol	340	455
OL	GZ	5,469,043	11/21/95	Cherng et al.	320	31
OL	HA	5,546,317	8/13/96	Andrieu	364	481
OL	HB	5,583,416	12/10/96	Klang	320	22
OL	HC	5,589,757	12/31/96	Klang	320	22
OL	HD	5,656,920	8/12/97	Cherng et al.	320	31
OL	HE	5,710,503	1/20/98	Sideris et al.	320	6
OL	HF	5,760,587	6/2/98	Harvey	324	434
OL	HG	5,808,469	9/15/98	Kopera	324	43.4
OL	HH	6,008,652	12/28/99	Theofanopoulos et al.	324	434
OL	HI	6,009,369	12/28/99	Boisvert et al.	701	99
OL	HJ	6,031,354	2/29/00	Wiley et al.	320	116
OL	HK	6,037,751	3/14/00	Klang	320	160
OL	HL	6,072,299	6/6/00	Kurie et al.	320	112
OL	HM	6,094,033	7/25/00	Ding et al.	320	132
OL	HN	6,163,156	12/19/00	Bertness	324	426
OL	HO	6,172,483	1/9/01	Champlin	320	134
OL	HP	6,172,505	1/9/01	Bertness	324	430

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
OL	HQ	2 749 397	12/5/97	France			X
OL	HR	59215674	12/5/84	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HS	
----	--

EXAMINER: *Donald J. Fin*

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant:	
		Kevin I. Bertness	
		Filing Date	Group Art:
		June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OL	HT	3,989,544	11/2/76	Santo	429	65
OL	HU	4,745,349	5/17/88	Palanisamy et al.	320	22
OL	HV	4,876,495	10/24/89	Palanisamy et al.	320	18
OL	HW	4,937,528	6/26/90	Palanisamy	324	430
OL	HX	4,968,942	11/6/90	Palanisamy	324	430
OL	HY	5,179,335	1/12/93	Nor	320	21
OL	HZ	5,266,880	11/30/93	Newland	320	14
OL	IA	5,451,881	9/19/95	Finger	324	433
OL	IB	5,705,929	1/6/98	Caravello et al.	324	430
OL	IC	5,717,937	2/10/98	Fritz	395	750.01
OL	ID	5,862,515	1/19/99	Kobayashi et al.	702	63
OL	IE	5,895,440	4/20/99	Proctor et al.	702	63
OL	IF	5,929,609	7/27/99	Joy et al.	322	25
OL	IG	6,072,300	6/6/00	Tsuji	320	116
OL	IH	4,659,977	4/21/87	Kissel et al.	320	64
OL	II	4,913,116	4/3/90	Katogi et al.	123	425
OL	IJ	5,160,881	11/3/92	Schramm et al.	322	7
OL	IK	5,338,515	8/16/94	Dalla Betta et al.	422	95
OL	IL	5,537,967	7/23/96	Tashiro et al.	123	792.1
OL	IM	5,548,273	8/20/96	Nicol et al.	340	439
OL	IN	5,747,909	5/5/98	Syverson et al.	310	156

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
OL	IO	62-180284	8/7/87	Japan			Abstract
OL	IP	7-128414	5/19/95	Japan			Abstract

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IQ	
----	--

EXAMINER: *Daniel J. Fair* DATE CONSIDERED: *9-8-07*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
DL	IR 6,114,834	9/5/00	Parise	320	109	
DL	IS 6,150,793	11/21/00	Lesesky et al.	320	104	
DL	IT 3,876,931	4/8/75	Godshalk	324	29.5	
DL	IU 5,347,163	9/13/94	Yoshimura	307	66	
DL	IV 5,939,861	8/17/99	Joko et al.	320	122	
DL	IW 5,339,018	8/16/94	Brokaw	320	35	
DL	IX 5,412,323	5/2/95	Kato et al.	324	429	
DL	IY 5,426,416	6/20/95	Jefferies et al.	340	664	
DL	IZ 5,825,174	10/20/98	Parker	324	106	
DL	JA 5,939,855	8/17/99	Proctor et al.	320	104	
DL	JB 5,254,952	10/19/93	Salley et al.	324	429	
DL	JC 4,217,645	8/12/80	Barry et al.	364	483	
DL	JD 4,633,418	12/30/86	Bishop	364	554	
DL	JE 5,321,626	6/14/94	Palladino	364	483	
DL	JF 5,969,625	10/19/99	Russo	340	636	
DL	JG 6,222,369	4/24/01	Champlin	324	430	
DL	JH 6,225,808	5/1/01	Varghese et al.	324	426	
DL	JI 6,249,124	6/19/01	Bertness	324	426	
DL	JJ 6,259,254	7/10/01	Klang	324	427	
DL	JK 6,262,563	7/17/01	Champlin	320	134	
DL	JL 6,294,896	9/25/01	Champlin	320	134	
DL	JM 6,294,897	9/25/01	Champlin	320	153	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
DL	JN	4-8636	1/13/92	Japan			X (Abstract)
DL	JO	63027776	2/5/88	Japan			Abstract Only

EXAMINER: *Donald J. J.* DATE CONSIDERED: *9-2-04*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>OL</i>	JP 4,379,989	4/12/83	Kurz et al.	320	26	
<i>OL</i>	JQ 4,680,528	7/14/87	Mikami et al.	320	32	
<i>OL</i>	JR 5,633,985	5/27/97	Severson et al.	395	2.76	
<i>OL</i>	JS 5,739,667	4/14/98	Matsuda et al.	320	5	
<i>OL</i>	JT 4,024,953	5/1977	Nailor, III	206	344	
<i>OL</i>	JU 6,250,973	6/2001	Lowery et al.	439	763	
<i>OL</i>	JV 6,254,438	7/2001	Gaunt	439	755	
<i>OL</i>	JW 6,304,087	10/16/01	Bertness	324	426	
<i>OL</i>	JX 6,310,481	10/30/01	Bertess	324	430	
<i>OL</i>	JY 6,313,607	11/6/01	Champlin	320	132	
<i>OL</i>	JZ 6,313,608	11/6/01	Varghese et al.	32	132	
<i>OL</i>	KA 6,316,914	11/13/01	Bertness	320	134	
<i>OL</i>	KB 5,435,185	7/25/95	Eagan	73	587	
<i>OL</i>	KC 5,445,026	8/29/95	Eagan	73	591	
<i>OL</i>	KD 4,667,143	5/19/87	Cooper et al.	320	22	
<i>OL</i>	KE 4,847,547	7/11/89	Eng, Jr. et al.	320	35	
<i>OL</i>	KF 5,574,355	11/12/96	McShane et al.	320	39	
<i>OL</i>	KG 4,663,580	5/5/87	Wortman	320	35	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>OL</i>	KH	WO 99/23738	5/14/99	WIPO			X
<i>OL</i>	KI	WO 94/05069	3/3/94	PCT			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>OL</i>	KJ	National Semiconductor Corporation, "High Q Notch Filter", 3/69, Linear Brief 5, March 1969.
<i>OL</i>	KK	Burr-Brown Corporation, "Design A 60 Hz Notch Filter with the UAF42", 1/94, AB-071, 1994.
<i>OL</i>	KL	National Semiconductor Corporation, "LMF90-4 th -Order Elliptic Notch Filter", 12/94, RRD-B30M115, December 1994.

EXAMINER:

Donald J. G. J.

DATE CONSIDERED:

9-8-01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OL	KM	6,323,650	11/27/01	Bertness et al.	324	426
OL	KN	6,329,793	12/11/01	Bertness et al.	320	132
OL	KO	6,331,762	12/18/01	Bertness	320	134
OL	KP	6,332,113	12/18/01	Bertness	702	63
OL	KQ	4,297,639	10/27/81	Branham	324	429
OL	KR	5,653,659	8/5/97	Kunibe et al.	477	111
OL	KS	6,161,640	12/19/00	Yamaguchi	180	65.8
OL	KT	4,351,405	6/28/82	Fields et al.	180	65
OL	KU	6,359,441	3/16/02	Bertness	324	426
OL	KV	4,047,091	9/1997	Hutchines et al.	363	59
OL	KW	5,653,659	8/1997	Kunibe et al.	477	111
OL	KX	5,637,978	6/1997	Kellett et al.	320	2
OL	KY	5,095,223	3/1992	Thomas	307	110
OL	KZ	5,194,799	3/1993	Tomantschger	320	2
OL	LA	5,754,417	5/1998	Nicollini	363	60
	LB					

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	LC					
	LD					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OL	LE	"Alligator Clips with Wire Penetrators" J.S. Popper, Inc. product information, downloaded from http://www.jspopper.com/ , undated <i>No Date</i>
OL	LF	"#12: LM78S40 Simple Switcher DC to DC Converter", ITM e-Catalog, downloaded from http://www.pcbcafe.com , undated <i>No Date</i>
OL	LG	"Simple DC-DC Converts Allows Use of Single Battery", Electronix Express, downloaded from http://www.elexp.com/t_dc-dc.htm , undated <i>No Date</i>

EXAMINER:

Donald J. Fair

DATE CONSIDERED:

9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>OL</i>	LH	5,818,234	10/1998	McKinnon	324	433
<i>OL</i>	LI	6,140,797	10/2000	Dunn	320	105
<i>OL</i>	LJ	6,181,545	1/2001	Amatucci et al.	361	502
<i>OL</i>	LK	6,346,795	2/2002	Haraguchi et al.	320	136
<i>OL</i>	LM	6,347,958	2/2002	Tsai	439	488
<i>OL</i>	LN	6,351,102	2/26/02	Troy	320	139
<i>OL</i>	LO	6,359,441	3/19/02	Bertness	324	426
<i>OL</i>	LP	6,363,303	3/26/02	Bertness	701	29
<i>OL</i>	LQ	5,037,778	8/6/91	Stark et al.	437	216
<i>OL</i>	LR	6,144,185	11/7/00	Dougherty et al.	320	132
<i>OL</i>	LS	5,711,648	1/27/98	Hammerslag	414	786
<i>OL</i>	LT	5,927,938	7/27/99	Hammerslag	414	809
<i>OL</i>	LU	5,951,229	9/14/99	Hammerslag	414	398
<i>OL</i>	LV	5,961,561	10/5/99	Wakefield, II	701	29
<i>OL</i>	LW	5,961,604	10/5/99	Anderson et al.	709	229
<i>OL</i>	LX	6,236,332	5/22/01	Conkright et al.	340	825.06
<i>OL</i>	LY	6,351,102	2/26/02	Troy	320	139
<i>OL</i>	LZ	5,821,757	10/13/98	Alvarez et al.	324	434
<i>OL</i>	MA	6,167,349	12/26/00	Alvarez	702	63

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
MB						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>OL</i>	MC	"DC-DC Converter Basics", Power Designers, downloaded from http://www.powderdesigners.com/InforWeb.design_center/articles/DC-DC/converter.shtm , undated <i>No Date</i>
	MD	

EXAMINER:

Donald H. Lin

DATE CONSIDERED:

9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OL	ME	4,665,370	5/1987	Holland	324	429
OL	MF	4,361,809	11/1982	Bil et al.	324	426
OL	MG	6,392,414	5/21/02	Bertness	324	429
OL	MH	6,417,669	7/9/02	Champlin	324	426
OL	MI	6,424,158	7/23/02	Klang	324	433
OL	MJ	6,441,585	8/17/02	Bertness	320	132
OL	MK	6,445,158	9/3/02	Bertness et al.	320	104
OL	ML	6,384,608	5/7/02	Namaky	324	425
OL	MM	6,388,448	5/14/02	Cervas	324	426
OL	MN	6,307,349	10/23/01	Koenck et al.	320	112
OL	MO	6,411,098	6/25/02	Laletin	324	436
OL	MP	6,456,045	9/24/02	Troy et al.	320	139
OL	MQ	6,466,025	10/15/02	Klang	324	429
OL	MR	6,466,026	10/15/02	Champlin	324	430
OL	MS	4,564,798	1/14/86	Young	320	6
OL	MT	5,563,496	10/8/96	McClure	320	48
OL	MU	5,796,239	8/18/98	van Phuoc et al.	320	107

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
MV	RU 2089015-C1	8/27/97	Russia			Abstract Only
MW	09061505	3/7/97	Japan			Abstract Only
MX	10056744	2/24/98	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MY	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US02/29461. No Date
MZ	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07546. No Date

EXAMINER:

Donald J. H.

DATE CONSIDERED:

9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM-PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
02	NA	4,888,716	12/19/89	Ueno	364	550
02	NB	6,495,990 B2	12/17/02	Champlin	320	132
02	NC	4,385,269	5/24/83	Aspinwall et al.	320	14
02	ND	4,686,442	8/11/87	Radomski	320	17
02	NE	6,061,638	5/9/00	Joyce	702	63
02	NF	6,359,442	3/19/02	Henningson et al.	324	426
02	NG	5,541,489	7/30/96	Dunstan	320	2
02	NH	6,424,157	7/23/02	Gollomp et al.	324	430
02	NI	6,534,993	3/18/03	Bertness	324	433
02	NJ	6,544,078	4/8/03	Palmisano et al.	439	762
02	NK	6,556,019	4/29/03	Bertness	324	426
02	NL	6,566,883	5/20/03	Vonderhaar et al.	324	426
02	NM	6,586,941	7/1/03	Bertness et al.	324	426
02	NN	6,597,150	7/22/03	Bertness et al.	320	104
02	NO	2002/0171428	11/21/02	Bertness	324	426
02	NP	6,263,268	7/17/01	Nathanson	701	29

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
02	NQ	WO 00/67359	11/9/00	WIPO			X
02	NR	WO 01/51947	7/19/01	WIPO			X
02	NS	WO 00/67359	11/9/00	WIPO			X
02	NT	WO 98/04910	2/5/98	WIPO			X
02	NU	WO 00/62049	10/19/00	WIPO			X
02	NV	WO 00/67359	11/9/00	WIPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

02	NW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/06577. No Date
----	----	--

EXAMINER:

DATE CONSIDERED: 9-8-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: C382.12-0148	Serial No.: 10/601,432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2858

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	NX					
	NY					
	NZ					
	OA					
	OB					
	OC					
	OD					
	OE					
	OF					
	OG					
	OH					
	OI					
	OJ					
	OK					
	OL					
	OM					

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	ON					
	OO					
	OP					
	OQ					
	OR					
	OS					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OT	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/29461. <i>No Date</i>
----	---

EXAMINER: *Donald J. G. J.* DATE CONSIDERED: *9-8-04*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☒ OTHER: Black Spots

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.